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Perfect score:
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   protein search, using sw model
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1: /cgn2_6/ptodata/2,

2: /cgn2_6/ptodata/2,

3: /cgn2_6/ptodata/2,

4: /cgn2_6/ptodata/2,

5: /cgn2_6/ptodata/2,
  Match
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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/cgn2_6/ptodata/2/iaa/5COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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10.342 Million ceil updates/sec

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US-09-123-850-4
US-09-123-850-6
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US-09-123-850-6
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US-09-123-850-6
US-09-123-850-6
US-08-138-440B-2
US-08-138-605-2
US-08-138-605-2
US-08-138-918A-8
US-08-138-918A-8
US-08-138-918A-8
US-08-138-918A-8
US-08-138-918A-8
US-08-11-430-2
US-08-761-136-1
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PCT-US96-01720-7
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Compugen Ltd
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Sequence
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                            1220
         Appli
Query Match
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INFORMATION FOR SEQ ID NO: 3: SEQUENCE CHARACTERISTICS: LENGTH: 1345 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear IMMEDIATE SOURCE: LIBRARY: Genbank CLONE: 1532042	FILLO DATE: FILING DATE: ATTORNEY/AGENT INFORMATION: NAME: Billings, Lucy J. REGISTRATION NUMBER: 36,749 REFERENCE/DOCKET NUMBER: PF-0423 US TELECOMMUNICATION INFORMATION: TELEPHONE: 650-855-0555 TELEFAX: 650-845-4166 TELEFAX: 650-845-4166	7: US	ORMATE BASE YUSE YUSE GESTANDENCE BESTANDENCE BASE CA	ALIGNMENTS SSULT 1 5-08-977-767-3 Sequence 3, Application US/08977767 Patent No. 5972684	29 64.5 86.0 246 2 US-08-704-931-2 30 64.5 86.0 430 3US-08-974-971-35 31 64 85.3 36.2 1 US-08-415-751-35 32 63.5 84.7 102 3 US-08-974-022-53 33 63 84.0 1003 3 US-08-851-843A-217 34 63 84.0 1003 3 US-08-851-843A-217 35 61.5 82.0 263 2 US-08-972-008-2 36 61.5 82.0 36.2 1 US-08-415-751-6 37 61.5 82.0 36.2 1 US-08-415-751-6 38 61.5 82.0 417 3 US-08-815-469-4 41 60.5 80.7 24 1 US-08-469-558-41 41 60.5 80.7 24 1 US-08-469-526A-41 42 60.5 80.7 24 1 US-08-469-526A-41 43 60.5 80.7 24 1 US-08-469-526A-41 44 60.5 80.7 24 1 US-08-469-560-41 45 60.5 80.7 24 0 US-08-469-560-41 46 60.5 80.7 24 0 US-08-469-660-41 47 60.5 80.7 24 0 US-08-469-660-41 48 60.5 80.7 24 4 PCT-US94-05083C-41
					Sequence 2, Appli Sequence 2, Appli Sequence 53, Appl Sequence 53, Appli Sequence 217, App Sequence 217, Appli Sequence 2, Appli Sequence 4, Appli Sequence 41, Appli

100.0%;

Score 75;

DΒ 2;

Length 1345;

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US-08-785-530-1
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                                                                                                                                                                                                                                                                                                 Sequence 1, Application Patent No. 5814480 GENERAL INFORMATION:
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GENERAL INFORMATION:
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Best Local Similarity
Matches 5; Conserv
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                  OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                               APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 09-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/387,055
FILING DATE: 09-FEB-1995
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COMPUTER READABLE FORM:
EDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
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   APPLICATION NUMBER:
                                                                 COMPUTER:
                                                                               MEDIUM TYPE:
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                                                                IBM Compatible
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19.2%; Pred. No.
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Best Local Similarity 23...
Conservative
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                                 INFORMATION FOR SEQ ID NO:
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                                                                                 REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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 SEQUENCE CHARACTERISTICS: LENGTH: 61 amino acids
                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hillman, Jennifer L.
APPLICANT: GO11, SUTYA K.
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
NUMBER OF SEQUENCES: 6
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IMMEDIATE SOURCE:
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LENGTH: 61 amino acids
TYPE: amino acid
STRANDEDNESS: single
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,
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PRIOR APPLICATION DATA:
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LIBRARY: CU...
TONE: 977891
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                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
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CITY: Palo Alto
STATE: CA
                                                                 TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                                                                               TELEPHONE:
                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Incyte Pharmaceuticals, Inc STREET: 3174 Porter Drive
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                                                                                                                           CLONE:
US-08-785-530-4
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Best Local Similarity 19.2%;
Matches 5; Conservative 2
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                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: A NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IMMEDIATE SOURCE:
LIBRARY: GenBa
CLONE: 386962
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US FILING DATE: Herewith CLASSIFICATION: 514 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Hillman, Jennifer L. APPLICANT: Goli, Surya K.
                                                                                                                                                                    IMMEDIATE SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
                                                                                                                              MMEDIA: GENE
LIBRARY: GENE
TONE: 386865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
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                                                                                                                                                                                                                                                                                                                                       NAME: Billings, Lucy J. REGISTRATION NUMBER: 36,749
26 CTSCKKSCCSCCPVGCAKCAQGCVCK 51
                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                    TELEFAX: 415-845-4166
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
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                                                                                                                                                                                                            : 61 amino acids amino acid
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3174 Porter Drive
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                                                                  88.0%;
19.2%;
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                                                       21;
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                                                                   Score 66;
Pred. No.
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Pred. No. 44;
                                                       Mismatches
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Query Match
Best Local Similarity
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US-08-785-530-6
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US-08-785-530-5
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                                                                                        GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goll, Surya K.
TITLE OF INVENTION: A NOVEL HUM
NUMBER OF SEQUENCES: 6
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STREET: 31.,
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                          IMMEDIATE SOURCE:
LIBRARY: GenBank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MEDIUM TYPE: Diskett
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                                                                            CORRESPONDENCE ADDRESS:
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                                ADDRESSEE: Incyce control of the STREET: 3174 Porter Drive
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                                                                                                                                                                                                                                                                  26 CTSCKKSCCSCCPVGCAKCAQGCVCK 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version
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                                                                                                                                                                                                                                                                                                 94304
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                                                            Incyte Pharmaceuticals, Inc
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19.2%; Pred. No. 4
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

94304

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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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ATTORNEY/AGENT INFORMATION:
ANAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REGERENCE/DOCKET NUMBER: PF-O
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415.855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: *--
                              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                          OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
NEAR TOATTON NUMBER: US/08/785,530
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ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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                                                                                                                         COMPUTER: IBM CON
OPERATING SYSTEM:
SOFTWARE: FastSEC
                                                              CLASSIFICATION:
                                                                                                                                                                                                                                CITY: Palo Alto
STATE: CA
                 FILING DATE:
                                                                              FILING DATE:
                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                     ZIP: 94304
                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                               STREET:
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TYPE: amino acid
STRANDEDNESS: single
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FILING DATE: Herewith
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Goli, Surya K.
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                                                                                                                                                     IBM Compatible
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                                                                                                                                                                  Diskette
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19.2%;
                               08/785,530
                                                                                            US/09/123,850
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Pred. No.
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CLONE:
US-09-123-850-3
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US-09-123-850-3
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US-09-123-850-1
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Best Local Similarity
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                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 61 amino acids
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IMMEDIATE SOURCE:
LIBRARY: Consen
CLONE: 977891
                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                               IMMEDIATE SOURCE:
                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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LENGTH: 61 amino acids
TYPE: amino acid
STRANDEDNESS: single
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Hillman, Jennifer L. APPLICANT: Goli, Surya K.
 MBULL
LIBRARY: GELL
TONE: 386962
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                                                                TOPOLOGY:
                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER:
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STATE: CA
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                                GenBank
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Pred. No. 44;
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US-09-123-850-5
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US-09-123-850-4
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               Sequence 5, Application US/09123850 Patent No. 5955428
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  GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 61 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0194 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM CONTROL OPERATING SYSTEM: SOFTWARE: FastSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 3174 POI
CITY: Palo Alto
STATE: CA
                                                                                              26 CTSCKKSCCSCCPVGCAKCAQGCVCK 51
                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/123,850 FILING DATE:
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                                                                                                                                                                                                                                     LIBRARY: GenBank
CLONE: 386865
                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                          TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                           d: 61 amino acids amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              94304
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                                                                                                                                                      Conservative
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FastSEQ for Windows Version 2.0
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                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                         single
                                                                                                                                                                   88.0%;
19.2%;
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                                                                                                                                                      21; Mismatches
                                                                                                                                                                     Score 66; DB
Pred. No. 44;
                                                                                                                                                                                 DB 2;
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                                                                                                                                                                                                                                                              RESULT 12
US-09-123-850-6
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                                                                   COUNTRY: UZIP: 94304
                                                                                              STATE:
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 SOFTWARE:
               OPERATING SYSTEM:
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                                                                                              CA
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FastSEQ for Windows Version 2.0
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Sequence 6, Application US/09123850 Patent No. 5955428 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FASTSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123.850
FILING DATE:
 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                             APPLICANT: Hillman, Jennifer L.
APPLICANT: GOli, Surya K.
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 61 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
NUMBER OF SEQUENCES: 6
                                                                                                                                                            CORRESPONDENCE ADDRESS
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                                                                                                      STREET: 3174 Por
CITY: Palo Alto
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                                                                                                                            ADDRESSEE: Incyte Pharmaceuticals, Inc
STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                              26 CTSCKKSCCSCCPVGCAKCAQGCVCK 51
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IBM Compatible
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                    Diskette
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CURRENT APPLICATION DATA:

APPLICATION NUMBER:

US/09/123,850

FILING DATE: CLASSIFICATION:

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Best Local Similarity
Thes 5; Conserve
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                                                                                            APPLICATION NUMBER: US/07/696,051B
FILING DATE: 19910506
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 119620/1990
FILING DATE: 09-MAY-1990
                              PRIOR APPLICATION DATA:
                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS: ADDRESSEE: Jordan B.
                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: GROWTH-INHIBITORY FACTOR AND CDNA CODING TITLE OF INVENTION: FOR GROWTH-INHIBITORY FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Uchida, Yoko APPLICANT: Ihara, Yasuo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Tsuji, Sh
APPLICANT: Miyatake,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 61 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: line
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                                                                                                                                                                                                                                                                                                                                                STREET:
                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
FILING
                                               FILING DATE:
APPLICATION NUMBER: FILING DATE: 13-DE
                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                   STATE:
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REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0194 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
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: New York
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                                                                                                                                                                                                                                                                                                                                                                757 Third Avenue
                                                                                                                                                                                                                                                                                                                USA
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                                               13-DEC-1990
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ake, Tadashi
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19.2%;
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                                                               JP 410164/1990
             JP 410165/1990
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Pred. No.
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RESULT 14
US-07-924-063A-1
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Best Local Similarity
Thes 5; Conserve
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                                            FILING DATE: 19920828

CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP91,
FILING DATE: 13-DEC-1991

PRIOR APPLICATION NUMBER: 410165/1:
APPLICATION NUMBER: 410165/1:
FILING DATE: 13-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
RECITEMENT OF THE PRIOR NUMBER: CHARLES A. MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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TELEX: PATENLAW (via ITT)
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: pep
                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: TSUJI, SHOJI; MIYATAKE, TADASHI; UCHIDA, YOKO; APPLICANT: IHARA, YASUO
TITLE OF INVENTION: DNA CODING FOR GROWTH-INHIBITORY FACT
TITLE OF INVENTION: USE THEREOF
                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
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                REGISTRATION NUMBER: 19,683 REFERENCE/DOCKET NUMBER: TSI
                                                                                                                                                                                                       APPLICATION NUMBER: US FILING DATE: 19920828
                                                                                                                                                                                                                                                                     COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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OTHER INFORMATION:
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                CITY: NEW YORK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DNA CODING FOR GROWTH-INHIBITORY FACTOR AND USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             88.0%; Score 66;
19.2%; Pred. No.
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on brain cells"
                                                                                                     410165/1990
                                                                                                                                                   PCT/JP91/01714
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TELEPHONE: 212-661-8000
TELEFAX: 212-661-8002
INFORMATION FOR SEQ ID NO: :

1:

68 amino acids

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US-08-138-340B-2
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Best Local S
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COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/138,340B
FILING DATE: 18-CCT-1993
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP/92/280201
FILING DATE: 19-CCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP/92/346853
FILING DATE: 25-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19-683
REFERENCE/DOCKET NUMBER: TSU25
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 68 amino acids
TYPE: AMINO ACID
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: UCHIDA, YOKO; IHARA, YASUO TITLE OF INVENTION: GROWTH INHIBITORY FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
CITY: N
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LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CELL TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TISSUE TYPE: brain
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                         T: 600 THIRD AVENUE NEW YORK
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Search completed: March 1, 2001, 16:19:15 Job time: 508 sec
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                                                                                                                                                             Query Match 88.0%; Score 66; DB 1; Best Local Similarity 19.2%; Pred. No. 49; Matches 5; Conservative 21; Mismatches
                                                                                                                                                                                                                                                                                                                                              TELEPAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 68
                                                                                                                                                                                                                                                                       TYPE: Amino Acid
STRANDEDNESS: Unknown
TOPOLOGY: Linear
MOLECULE TYPE: Peptide
                                                                                         27 CTSCKKSCCSCCPAECEKCAKDCVCK 52
                                                                                                                           0; Indels
                                                                                                                                                                                                 Length 68;
                                                                                                                                                             0;
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